

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
LD0250 (NP)
APPLICATION NO.
09/885,827
APPLICANT
SALVATI ET AL.
FILING DATE 6/20/01

Sheet 1 of 17

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CS	BA	3,343,940	9/26/67	Popoff et al.			
	BB	3,428,538	2/18/69	Scheiner			
	BC	3,821,232	6/28/74	Redmore	204	158	
	BD	3,923,490	12/2/75	Redmore	260	294.8	
	BE	3,965,264	6/22/76	Redmore	71	67	
	BF	3,997,293	12/14/76	Redmore	424	200	
	BG	3,998,833	12/21/76	Redmore	21	2.5	
	BH	4,089,650	5/16/78	Redmore	260	293.55	
	BI	4,092,413	5/30/78	Arth et al.	21	2.7	
	BJ	4,097,578	6/27/78	Perronnet	424	241	
	BK	4,191,775	3/4/80	Glen	424	273	
✓	BL	4,234,736	11/18/80	Bernauer et al.	424	304	
					548	314	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BM	WO95/18794	7/13/95	World (PCT as Published)			<input type="checkbox"/>	<input type="checkbox"/>
	BN	0001813A1	10/27/78	Europe			<input type="checkbox"/>	<input type="checkbox"/>
CS	BO	0082402B1	6/12/82	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	BP	0091596A2	3/26/83	Europe			<input type="checkbox"/>	<input type="checkbox"/>
CS	BQ	0253503B1	6/12/87	Europe			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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CS	BS	4,239,776	12/16/80	Glen et al.	424	304	
	BT	4,472,382	9/18/84	Labrie et al.	424	177	
	BU	4,473,393	9/25/84	Nagpal	71	92	
	BV	4,476,184	10/9/84	Lubowitz et al.	428	288	
	BW	4,507,303	3/26/85	Ishizumi et al.	514	255	
	BX	4,533,737	8/6/85	Ryang	548	110	
	BY	4,536,559	8/20/85	Lubowitz et al.	528	170	
	BZ	4,543,355	9/24/85	Ishizumi et al.	514	253	
	CA	4,584,364	4/22/86	Lubowitz et al.	528	128	
	CB	4,598,072	7/1/86	Schweikert et al.	514	170	
	CC	4,656,235	4/7/87	Tesoro et al.	526	262	
	CD	4,659,695	4/21/87	Labrie	514	15	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CS	CE	0277476A2	1/5/88	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	CF	0436426A1	12/12/90	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	CG	0494819A1	1/8/92	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	CH	2075751	1/20/71	France			<input type="checkbox"/>	<input type="checkbox"/>
	CI	2329276	11/29/75	France			<input type="checkbox"/>	<input type="checkbox"/>

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CS	CJ	4,666,885	5/19/87	Labrie	514	15	
	CK	4,673,748	6/16/87	Rock et al.	548	237	
	CL	4,739,075	4/19/88	Odagiri et al.	548	431	
	CM	4,753,957	6/28/88	Chan	514	391	
	CN	4,760,053	7/26/88	Labrie	514	15	
	CO	4,775,660	10/4/88	Labrie et al.	514	15	
	CP	4,775,661	10/4/88	Labrie	514	15	
	CQ	4,851,495	7/25/89	Sheppard et al.	528	170	
	CR	4,873,256	10/10/89	Coussediere et al.	514	391	
	CS	4,892,578	1/9/90	Chang et al.	71	94	
	CT	4,944,791	7/31/90	Schroder et al.	71	92	
	CU	4,980,481	12/25/90	Lubowitz et al.	548	435	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
	CV	J 64-6258		Japan			<input type="checkbox"/>	<input type="checkbox"/>
	CW	JP 53-86035		Japan			<input type="checkbox"/>	<input type="checkbox"/>
	CX	JP 1 125381		Japan			<input type="checkbox"/>	<input type="checkbox"/>
CS	CY	2133006B	10/22/86	Great Britain				
CS	CZ	WO98/ 29495	7/1/98	World (PCT as published) w/o			<input type="checkbox"/>	<input type="checkbox"/>

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CS	DA	5,084,472	1/28/92	Moguilewsky et al.	514	389	
	DB	5,093,500	3/3/92	Wang	548	410	
	DC	5,098,888	3/24/92	Vincent et al.	514	18	
	DE	5,104,967	4/14/92	Sheppard et al.	528	322	
	DF	5,112,939	5/12/92	Lubowitz et al.	528	289	
	DG	5,114,612	5/19/92	Benicewicz et al.	252	299.01	
	DH	5,116,935	5/26/92	Lubowitz et al.	528	173	
	DI	5,151,487	9/29/92	Lubowitz et al.	528	170	
	DJ	5,155,206	10/13/92	Lubowitz et al.	528	322	
	DK	5,210,213	5/11/93	Sheppard et al.	548	435	
	DL	5,239,046	8/24/93	Lubowitz et al.	528	322	
	DM	5,367,083	11/22/94	Sheppard et al.	548	431	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
CS	DN	2290296	12/20/95	Great Britain			<input type="checkbox"/>	<input type="checkbox"/>
	DO	WO01/30781	5/3/01	World (PCT as published) w/o			<input type="checkbox"/>	<input type="checkbox"/>
	DP	EP1008457A1	6/14/02	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	DQ	WO98/16830	4/23/98	World (PCT as published) w/o			<input type="checkbox"/>	<input type="checkbox"/>
	DR	WO98/32439	7/30/98	World (PCT as published) w/o			<input type="checkbox"/>	<input type="checkbox"/>

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CS	DS	5,403,666	4/4/95	Lubowitz et al.	428	474.4	
	DT	5,434,176	7/18/95	Claussner et al.	514	391	
	DU	5,446,120	8/29/95	Lubowitz et al.	528	171	
	DV	5,455,115	10/3/95	Lubowitz et al.	428	411.1	
	DW	5,463,076	10/31/95	Sheppard et al.	548	431	
	DX	5,482,921	1/9/96	Secking et al.	504	246	
	DY	5,512,676	4/30/96	Sheppard et al.	544	198	
	DZ	5,516,876	5/14/96	Lubowitz et al.	528	170	
	EA	5,530,089	6/25/96	Sheppard et al.	528	321	
	EB	5,550,107	8/27/96	Labrie	514	11	
	EC	5,556,983	9/17/96	Claussner et al.	548	300.7	
	ED	5,573,854	11/12/96	Sheppard et al.	428	411.1	

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		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
CS	EE	WO00/06525	2/10/02	World (PCT as published) wifo			<input type="checkbox"/>	<input type="checkbox"/>
	EF	WO02/00617	1/3/02	World (PCT as published) wifo			<input type="checkbox"/>	<input type="checkbox"/>
	EG	WO01/19831	3/22/01	World (PCT as published) wifo			<input type="checkbox"/>	<input type="checkbox"/>
	EH	WO99/27365	6/3/99	World (PCT as published) wifo			<input type="checkbox"/>	<input type="checkbox"/>
	EI	WO98/49555	11/5/98	World (PCT as published) wifo			<input type="checkbox"/>	<input type="checkbox"/>

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CS	EJ	5,589,497	12/31/96	Claussner et al.	514	386	
	EK	5,594,089	1/14/97	Lubowitz et al.	528	171	
	EL	5,595,985	1/21/97	Labrie	514	169	
	EM	5,610,317	3/11/97	Lubowitz et al.	548	431	
	EN	5,627,201	5/6/97	Gaillard-Kelley et al.	514	386	
	EO	5,643,855	7/1/97	Kilama	504	224	
	EP	5,645,925	7/8/97	Sheppard et al.	422	128	
	EQ	5,693,741	12/2/97	Sheppard et al.	528	183	
	ER	5,714,566	2/3/98	Lubowitz et al.	528	170	
	ES	5,750,553	5/12/98	Claussner et al.	514	392	
	ET	5,780,583	7/14/98	Lubowitz et al.	528	388	
✓	EU	5,817,649	10/6/98	Labrie	514	169	

FOREIGN PATENT DOCUMENTS

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CS	EV	EP0678507	10/25/95	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	EW	WO96/19458	6/27/96	World (PCT as published) wife			<input type="checkbox"/>	<input type="checkbox"/>
	EX	WO97/49709	12/31/97	World (PCT as published) wife			<input type="checkbox"/>	<input type="checkbox"/>
✓	EY	WO 02/16310 A1	2/28/02	World (PCT as published) wife			<input type="checkbox"/>	<input type="checkbox"/>

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CS	EZ	5,817,744	10/6/98	Sheppard et al.			
	FA	5,929,146	7/27/99	Amos et al.			
	FB	6,020,327	2/1/00	Messenger			
	FC	6,071,957	6/6/00	Miller et al.			
	FD	6,162,444	12/19/00	Dubois			
	FE	6,124,460	9/26/00	Tomiyama et al.			
	FF	6,200,573	3/13/01	Locke			
	FG	6,242,611	6/5/01	Claussner et al.			
	FH	2001/0012839	8/9/01	Miller et al.			
	FI	2001/0020002	9/6/01	Lederman et al.			
	FJ	Re. 35,956	11/10/98	Gaillard-Kelly et al.			
	EK	5,587,105	12/24/96	Sheppard et al.			

FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CS	EL	4,397,857	8/9/83	Vincent et al.	424	263	
	FM	5,098,888	3/24/92	Vincent et al.	514	18	
	FN	4,562,255	3/31/85	Freed et al.	544	357	
	FO	3,261,845	7/19/66	Bockstahler			
	FP	3,906,102	9/16/75	Tottori et al.	424	274	
	FO	3,925,554	12/9/75	Tottori et al.	424	274	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
CS	FR	AU-A-16993-83	1/26/84	Australia			<input type="checkbox"/>	<input type="checkbox"/>
	FS	DE 3227055A1	07/20/82	German (Eng. Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	FP	EP 0051020A1		Europe			<input type="checkbox"/>	<input type="checkbox"/>
	FU	EP 0406149B1	1/19/94	Europe			<input type="checkbox"/>	<input type="checkbox"/>
CS	FV	WO 98/39303	9/11/98	PCT wipo			<input type="checkbox"/>	<input type="checkbox"/>
	FW	JP 64088631		Japan				
	FX	JP 7-144477		Japan				
CS	FY	CN 1050877	4/24/91	(Eng. Abstract) China				abstract only
	FZ	DE 2365677	11/13/75	(Eng. Abstract) Germany				abstract only
	GA	GB 1039020	3/17/64	Great Britain				
	GB	GB2290296	12/26/95	Great Britain				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

CS	GC	Krow et al, Tetrahedron, Vol. 30, p. 2977-2981 (1974)
	GD	Kucharczyk et al., J. Med. Chem., Vol. 36, p. 1645-1661 (1993)
	GE	Ben-Ishai et al., Tetrahedron, Vol 27, p. 3119-3127 (1971)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

CS	GF	Vincent et al., Tetrahedron Letters, Vol. 33, No. 48, p. 7369-7372 (1992)
	GG	Goldstein et al., Tetrahedron Letters, Vol. 31, p. 2631-2634 (1969)
	GH	Evnin et al., J. Org. Chem., Vol. 35, No. 9, p. 3097-3106 (1970)
	GI	Kobayashi et al., Bull. Chem. Soc. Jpn., Vol. 67, No. 11, p. 3082-3087 (1994)
	GJ	Kobayashi et al., Bull. Chem. Soc. Jpn., Vol. 65, p. 61-65 (1992)
	GK	Pons et al., Eur. J. Org. Chem., p. 853-859 (1998)
	GL	Pons et al., Pept. Proc. Am. Pept. Symp., 15th p. 176-177 (1999)
	GM	Reyniers et al., Bull. Soc. Chim. Belg. Vol. 94(6), pp. 413-419 (1985)
	GN	Anteunis et al., Tetrahedron Lett., Vol. 22(32), p. 3101-3104 (1981)
	GO	Mauger et al., J. Chem. Soc., Perkin Trans. 1, Vol. 17, p. 2146-2148 (1972)
	GP	Mauger, J. Chem. Soc. d, Vol 1, p. 39-40 (1971)
	GQ	Lee et al., Tetrahedron Lett., Vol 37(34), p. 6053-6056 (1996)
	GR	Verbruggen et al., Acta Crystallogr., Sect. C: Cryst. Struct. Commun., Vol. C49(6), p. 1113-1116 (1993)
	GS	Shalati et al., Journal of Polymer Science: Polym. Chem. Ed., Vol. 22(1), p. 107-120 (1984)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

CS	GT	Van Poucke et al., Bull. Soc. Chim. Belg., Vol 91(3), p. 213-218 (1982)
	GU	Schrooten et al., Bull. Soc. Chim. Belg., Vol. 89(8), p. 615-628 (1980)
	GV	Hausler et al., Chem. Ber. Vol. 107(9), p. 2804-2815 (1974)
	GW	Vicar et al., Collect. Czech. Chem. Commun. Vol. 38(7), p. 1940-1956 (1973)
	GX	Vicar et al., Collect. Czech. Chem. Commun. Vol. 37(12), p. 4060-4071 (1972)
	GY	Kovtunen et al., Ukr. Khim. Zh. (Russ. Ed), Vol. 58(11), p. 1035-1040 (1992)
	GZ	Kovtunen et al., Ukr. Khim. Zh. (Russ. Ed), Vol. 58(7), p. 588-592 (1992)
	HA	Kreher et al., Chem. Ber., Vol. 125(1), p. 183-189 (1992)
	HB	Kovtunen et al., Ukr. Khim. Zh. (Russ. Ed), Vol. 57(1), p. 71-77 (1991)
	HC	Kovtunen et al., Khim. Geterotsikl. Soedin., Vol. (2), p. 190-202 (1990)
	HD	Kreher et al., Chem. Ber., Vol. 123(2), p. 381-390 (1990)
	HE	Kreher et al., Chem.-Ztg., Vol. 112(11), p. 335-342 (1988)
	HF	Kovtunen et al., Ukr. Khim. Zh. (Russ. ed.), Vol. 55(1), p. 64-69 (1989)
	HG	Kovtunen et al., Ukr. Khim. Zh. (Russ. ed.), Vol. 54(11), p. 1186-1190 (1988)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

CS	HH	Kovtunen et al., Ukr. Khim. Zh., Vol. 54(2), p. 186-190 (1988)
	HI	Kreher et al., Chem.-Ztg., Vol. 111(12), p. 349-356 (1987)
	HJ	Kreher et al., Chem. Ber., Vol. 121(5), p. 927-934 (1988)
	HK	Kreher et al., Chem.-Ztg., Vol. 110(10), p. 363-367 (1986)
	HL	Kovtunen et al., Khim. Geterotsikl. Soedin., Vol. 20(9), p. 1200-1205 (1984)
	HM	Kreher et al., Angew. Chem., Vol. 96(7), p. 507-508 (1984)
	HN	Kovtunen et al., Ukr. Khim. Zh., Vol. 49(12), p. 1287-1293 (1983)
	HO	Kreher et al., Angew. Chem., Vol. 94(8), p. 634-635 (1982)
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	JV	Search Report "D" (Scifinder, June 20, 2001)
	JW	Search Report "E" (Scifinder, June 20, 2001)
	JX	Search Report "F" (Scifinder, August 16, 2000)
	JY	Search Report "G" (Scifinder, August 22, 2000)
	JZ	Search Report "H" (Scifinder, September 12, 2000)

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KA	Search Report "I"
KB	Search Report "J"
CS KC	Search Report "K" (Scifinder, September 11, 2000)
KD	Search Report "L" (Scifinder, September 11, 2000)
KE	Search Report "M" (Scifinder, September 11, 2000)
KF	Search Report "N" (Scifinder, September 11, 2000)
KG	Search Report "O" (Scifinder, September 11, 2000)
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KJ	Search Report "R" (Scifinder, September 11, 2000)
KK	Search Report "S" (Scifinder, September 11, 2000)
KL	Search Report "T" (Scifinder, September 11, 2000)
KM	Search Report "U" (Scifinder, September 11, 2000)
KN	Search Report "V" (Scifinder, September 11, 2000)

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